

Claims

- [c1] A wristwatch type cellular phone equipped with an equipment body section and a wrist band so as to enable said equipment body section to be placed on or pulled out of a wrist, where said equipment body section incorporates dialing means that transact dialing functions and clocking means of a clock, comprising:
a plurality of antennas that are established in said equipment body section or said wrist band;
a reception failure detection means for detecting occurrence of reception failure; and
a switch means for switching used antennas to any of said plurality of antennas every time said reception failure detection means detects said occurrence of reception failure.
- [c2] The wristwatch type cellular phone according to claim 1, wherein said antennas are thin plane antennas or loop antennas where conducting wires are formed into a loop shape.
- [c3] A wristwatch type cellular phone equipped with an equipment body section and a wrist band so as to enable said equipment body section to be placed on or pulled

out of a wrist, where said equipment body section incorporates dialing means that transact dialing functions and clocking means of a clock, comprising:
said wrist band structured to enable storage of a thin battery where a part or whole thereof is formed into a pouched shape; and
a connector means for electrically connecting said battery and an electronic circuit within said equipment body section.

[c4] The wristwatch type cellular phone according to claim 3, wherein said battery is a rechargeable and thin secondary battery and said equipment body section comprises a charging jack that is used for charging said secondary battery.

[c5] A wristwatch type cellular phone equipped with an equipment body section and a wrist band so as to enable said equipment body section to be placed on or pulled out of a wrist, where said equipment body section incorporates dialing means that transacts dialing functions and clocking means of a clock, said equipment body section comprising:
an electronic dial plate displaying the numbers of 1:00 through 12:00 of the clock at each apex location where the circumference is divided by 12, and which is structured by a touch panel where the numbers of 1:00

through 10:00 at least are allocated to a numeric keypad; and

said dialing means for detecting an operational location on said touch panel and transacting said dialing functions according to such detected operational location.

- [c6] The wristwatch type cellular phone according to claim 5, further comprising:
- a plurality of antennas that are established in said equipment body section or said wrist band;
 - a reception failure detection means for detecting occurrence of reception failure; and
 - a switch means for switching used antennas into any of said plurality of antennas every time said reception failure detects detection means said occurrence of reception failure.

- [c7] The wristwatch type cellular phone according to any one of claims 5 and 6, wherein said wrist band is structured to enable storage of a thin battery where a part or whole thereof is formed into a pouched shape; and
- the wristwatch type cellular phone further comprises a connector means for electrically connecting said battery and an electronic circuit within said equipment body section.